



STATE OF NEW YORK
DEPARTMENT OF LABOR
DIVISION OF INDUSTRIAL HYGIENE

100 CENTRAL STREET
NEW YORK, N. Y. 10013

January 15, 1965

ADDRESS REPLY TO:

Radiological Health Unit

Clifins and Metals Division
Union Carbide Corporation
P. O. Box No. 580
Niagara Falls, N. Y.

REF: 10139

Att: R. L. Folkman, Manager, Special Alloys

Gentlemen:

Enclosed herewith is your New York State license No. 950-0139 to possess and use agreement material. This supersedes your existing NYSAC license No. SUB-469 which is hereby terminated.

Very truly yours,

Morris Kleinfeld
Morris Kleinfeld, M.D.
Director

APALds
CC.R. Vessels

**STATE OF NEW YORK
RADIOACTIVE MATERIALS LICENSE**

Page 1 of 2 Pages

Pursuant to the Labor Law and Industrial Code Rule No 38, and in reliance on statements and representations heretofore made by the licensee designated below, a license is hereby issued authorizing such licensee to transfer, receive, possess and use the radioactive material(s) designated below, and to use such radioactive materials for the purpose(s) and at the place(s) designated below. This license is subject to all applicable rules, regulations, and orders now or hereafter in effect of all appropriate regulatory agencies and to any conditions specified below

Licensee 1 Name Olifinos and Metals Division 2 Address Union Carbide Corporation P. O. Box No. 580 Niagara Falls, N. Y.		3 License number 950-0139 4 Expiration date Valid until terminated 5 Reference number 1
6 Radioactive materials (element and mass number) 1. Uranium	7 Chemical and/or physical form Contaminant in slag consisting mainly of oxides of aluminum, calcium and magnesium	8 Maximum quantity licensee may possess at any one time 1. 3150 pounds (0.5 curies)

CONDITIONS

- 9 Authorized use.** (Unless otherwise specified, the authorized place of use is the licensee's address stated in Item 2 above.)
 Storage pending disposal through licensed or authorized recipients

Date _____

FOR THE NEW YORK STATE DEPARTMENT OF LABOR

by _____

License Number 950-0139 Reference No. 1

10. The licensee shall conduct operations involving the possession and use of sources of radiation in compliance with the requirements of New York State Industrial Code Rule No. 38, "Radiation Protection", and so much of part 49, title 10, Code of Federal Regulations, as is pertinent to this operations and not in conflict with Code Rule 38 or the conditions of this license.
11. The authorized place of use includes The facilities of the licensee at the above address.
12. The agreement material described in Items 6, 7, and 8 above:
 - A. Shall be used only by or under the _____ supervision of the following named individuals:

Paul M. Daniel
 - B. It shall not be administered to human beings either internally or externally or used for products being distributed to the public, except where otherwise authorized elsewhere in this license.
 - C. Shall be possessed and used by the licensee in accordance with statements, representations and procedures contained in his application dated _____, and in related documents as follows:
 1. Licensee's application to NRC dated September 14, 1961, as supplemented October 20, 1961.
 2. Letter dated December 23, 1964, signed by R. L. Falkman.
 3. Letter dated May 24, 1963, signed by John F. Langston.

D. When in the form of sealed sources:

1. Shall not be opened or removed from the _____ by the licensee.
2. Shall be installed, repaired, relocated, maintained, tested for leakage and/or contamination as required by Code Rule 38-26.5, and disposed of only by _____ or other persons licensed or authorized to perform such services by the Industrial Commissioner, the U.S. Atomic Energy Commission, or appropriate agency of another agreement state. In the absence of certificate from a transferor certifying that a leakage test has been performed during the six months prior to its receipt by the licensee, the source shall be so tested prior to use. Alpha-emitting sources shall be leak-tested at three-month intervals.
3. Sealed sources, other than gaseous radioactive emitters or those with a half life less than 30 days, fabricated by the licensee shall be leak-tested prior to shipment.
13. Any disposal of radioactive waste by the licensee shall be in accordance with the provisions of Article 175, New York City Health Code in New York City and Part 16, New York State Sanitary Code, elsewhere in the state. Records shall be kept of all disposal by burial, through the sanitary sewer, or other leaks to the environment, and where necessary monitoring procedures shall be instituted to assure the concentrations and quantities so disposed of are within permissible limits.
14. Where needed or where required, plans and specifications for exhaust systems for hoods, storage areas and other locations where radioactive material is used or stored shall be submitted to the Division of Industrial Hygiene for approval prior to installation by the licensee. The installation of the exhaust system shall be made as per approved plans as determined by test by the Division of Industrial Hygiene.
15. An administrative procedures manual, containing instructions in safety precautions and safe working techniques when working with radioactive materials shall be prepared by the licensee. This manual shall be followed and a copy thereof furnished to each person working with or having responsibility for such materials and to the Industrial Commissioner. Changes in the manual shall be submitted to the Commissioner for review prior to issuance.

For The New York State Department of Labor
By Nathan Solomon

Nathan Solomon, Ph. D., M.D.
Chief, Radiological Health Unit

For: Morris Kleinfeld, Director, DIH

Date Jan 15, 1965

APA:ds